

METHODS AND APPARATUS FOR ANALYZING
HIGH VOLTAGE CIRCUIT BREAKERS

ABSTRACT OF THE DISCLOSURE

A method for analyzing an electrical contact pair is provided. At least one of the contacts is coupled to a line-side of the contact pair, and at least one of the contacts is coupled to a load-side of the contact pair. The method includes electrically coupling the load-side contact and the line-side contact to electrical ground, applying a test voltage across the contact pair while the line-side contact and load-side contact remain electrically coupled to electrical ground, triggering a contact pair operation timer at a start of a test, detecting at least one of a first closure of the contact pair and a first opening of the contact pair using the test voltage, and determining the timing of the contact pair based upon the operation of the contact pair operation timer.